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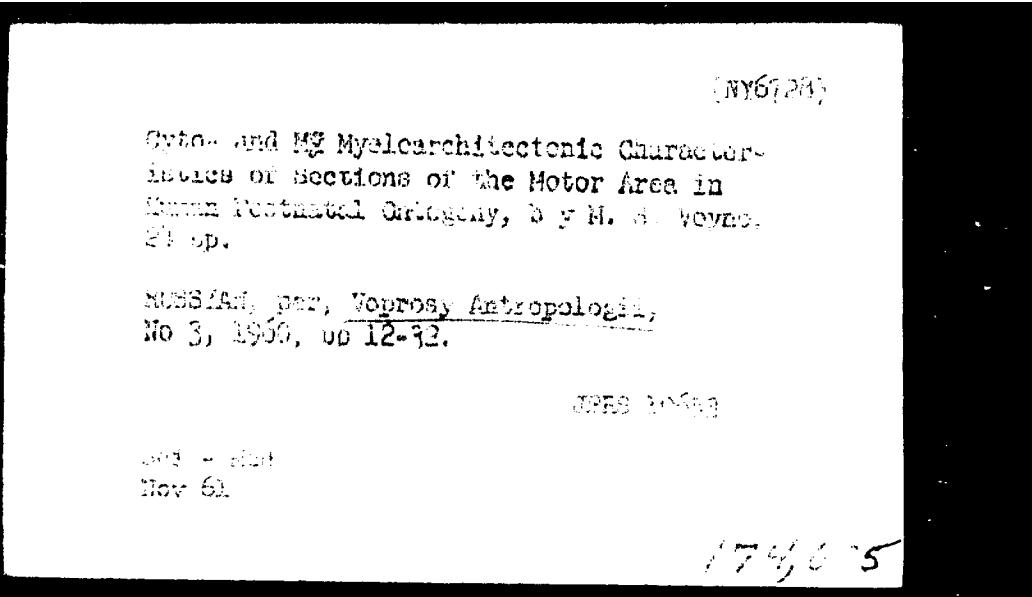
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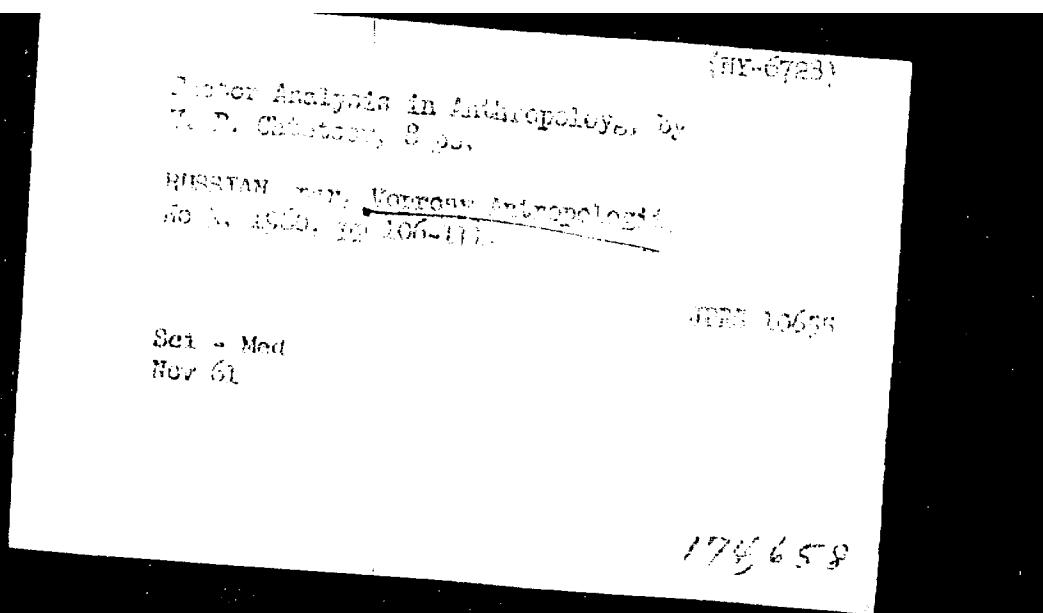
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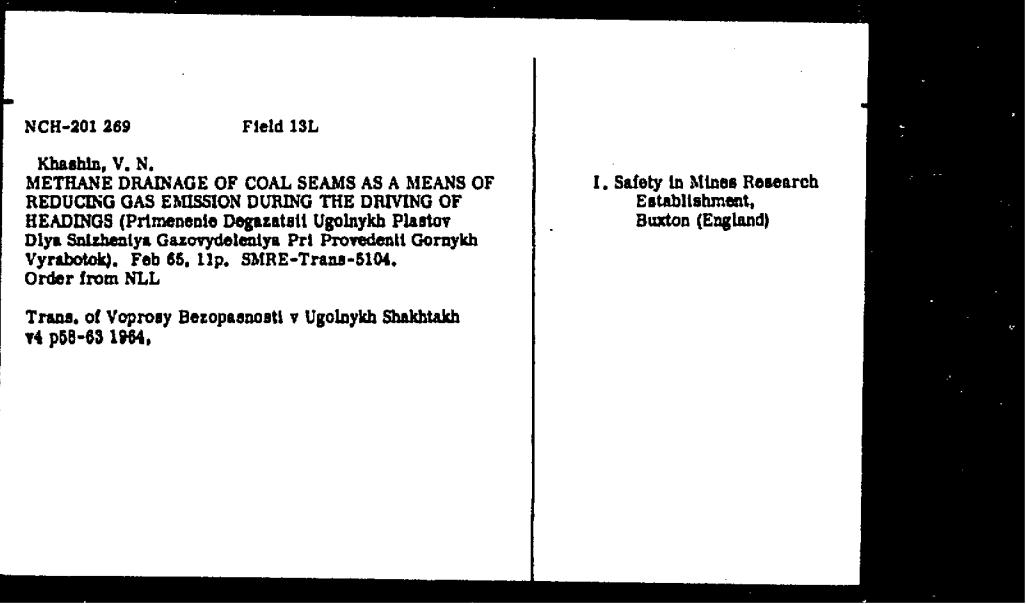
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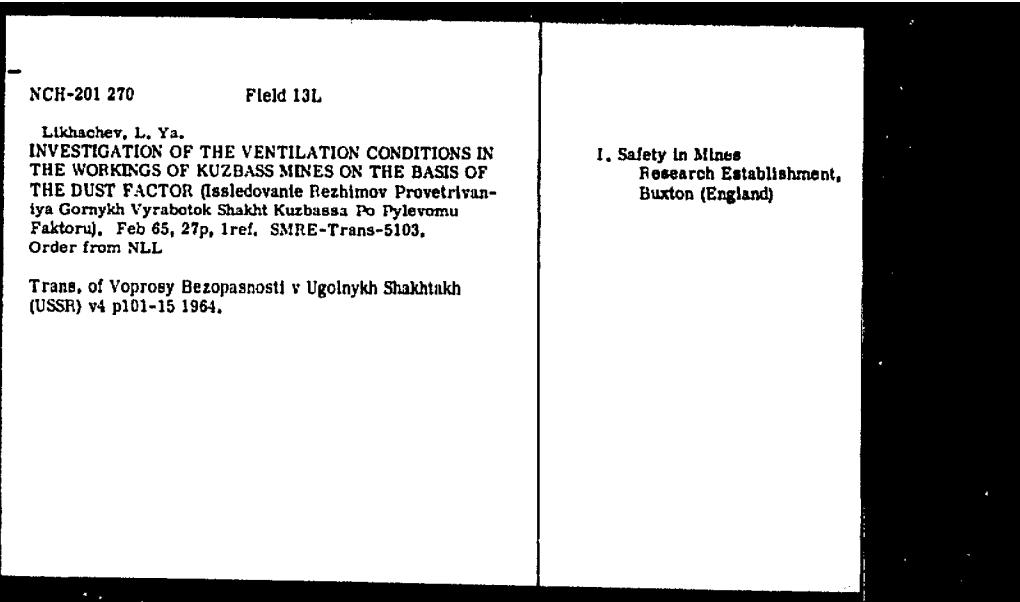
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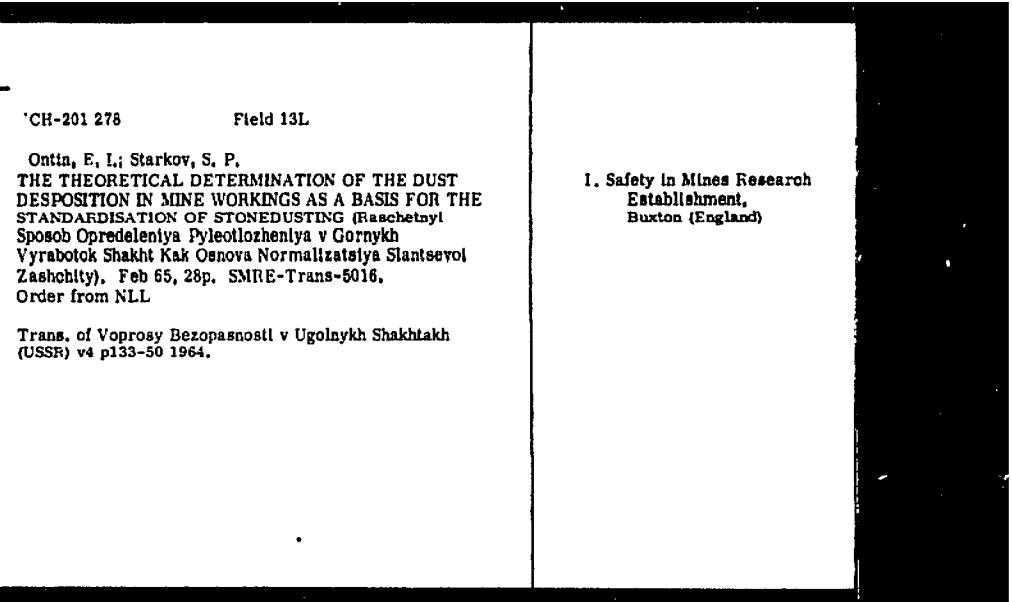
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<p>Shabadash A. L. RIBONUCLEOPROTEIDES OF THE NERVE CELL AS A HISTOCHEMICAL INDEX OF THE FUNCTIONAL STATE OF THE NEURONS. [1962] [17 p. 55 refs. Order from OTS or SLA \$1.60 62-14759</p> <p>Trans. of mono. [Voprosy Biokhimii Nervnoi Sistemy] (Problems in the Biochemistry of the Nervous System) [ed. by] A. V. Palladin, Kiev, 1957, p. 231-246.</p> <p>DESCRIPTORS: *Nerves, *Cells (Biology), *Nucleoproteins, Nucleic acids, Cytochemistry, Bioelectronics.</p> <p>The histochemical method of revealing the sum total of the nucleoproteides in the nerve cells is based on dif- ferences of the isoelectric points of the proteins com- plexes in concrete structures. Differentiating fer- mentolysis of the micro preparations controls the nature of the studied nucleo-proteides. The reactivity (Biological Sciences--Biochemistry, TT, v. 8, no. 8) (over)</p>	<p>62-14759</p> <p>I. Shabadash, A. L. II. Palladin, A. V. III. Title: Problems...</p> <p>Office of Technical Services</p>
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Vladimirov, G. E.

EFFECT OF HYPOTHERMIA IN COMBINATION
WITH CESSION OF BLOOD CIRCULATION ON
BRAIN METABOLISM. [1962] [19]p. 29 refs.
Order from OTS or SLA \$1.60

62-14772

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I. Vladimirov, G. E.
II. Palladin, A. V.
III. Title: Problems...

Trans. of mono. [Voprosy Biokhimii Nervnot Sistemy]
(Problems in the Biochemistry of the Nervous System) ed by A. V. Palladin, Kiev, 1957, chap. 22,
p. 247-257.

DESCRIPTORS: *Hypothermia, *Blood circulation,
*Brain, Pathology, *Metabolism, Physiology,
Phospholipids, Lipoproteins, Amino acids, Glucose,
Glycogen

Research is summarized and tabulated on the effect
on brain metabolism of hypothermia and hypothermia
with cessation of blood circulation. Various methods
were used for inducing hypothermia and cessation of
(Biological Sciences--Biochemistry, TT, v. 8, no. 9)
(over)

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<p>Chagovets, R. V., Lakhno, E. V. and others. A COMPARATIVE STUDY OF THE EFFECT ON METABOLIC PROCESSES IN THE NERVE TISSUE OF PHYSICAL COOLING AMINASINE, AND Na-EVIPAN. [1962] [17]p. 14 refs. Order from OTS or SLA \$1.60</p> <p>Trans. of mono. [Voprosy Biokhimii Nervnoi Sistemy] (Problems in the Biochemistry of the Nervous System) [ed. by] A. V. Palladin, Kiev, 1957, chap. 23, p. 258-267.</p> <p>DESCRIPTORS: *Metabolism, Dehydrogenases, Phosphorus compounds, Thiamine, Ascorbic acid, *Nervous system, Body temperature, *Hypothermia, Drugs, *Chlorpromazine, *Barbituates.</p> <p>The effects of inducing hypothermia by various means were observed on the metabolite restoring properties, dehydrase activity, labile phosphorus compounds, (over)</p>	<p>62-14729</p> <p>I. Chagovets, R. V. II. Lakhno, E. V. III. Palladin, A. V. IV. Title: Problems ...</p>	
Office of Technical Services		

<p>Gavskaya, M. S. CARBOHYDRATE-PHOSPHORUS METABOLISM IN THE BRAIN WITH EXPIRATION UNDER CONDITIONS OF HYPOTHERMIA FOLLOWED BY REVIVAL OF THE LIFE FUNCTIONS OF THE ORGANISM. [1962] [17 p. 25 refs. Order from OTS or SLA \$1.60</p> <p>Trans. of traco. [Voprosy Biokhimi Nervnoi Sistemy] (Problems in the Biochemistry of the Nervous System) [ed. by A. V. Palladin, Kiev, 1957, chap. 24, p. 265-277.</p> <p>DESCRIPTORS: *Carbohydrates, *Phosphorus, *Metabolism, *Brain, *Hypothermia, *Clinical death</p> <p>The problem of the present research consisted of investigating the energy possibilities in cerebral tissue during different stages of dying and resuscitation of animals under conditions of hypothermia. Hypothermia (Biological Sciences--Physiology, TI, v. 9, no. 2) (over)</p>	<p>62-14698</p> <p>I. Gavskaya, M. S. II. Palladin, A. V. III. Title: Problemy... 62-14698</p> <p>Office of Technical Services</p>
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Veksler, Ya. I.

DYNAMICS OF PHOSPHORUS CONTAINING MACRO-
ELEMENTIC COMPOUNDS IN THE BRAIN DURING HYPO-
THERMIA. [1962] [14]p.
Order from OTS or SUA \$1.60

62-14737

62-14737

I. Veksler, Ya. I.
II. Palladin, A. V.
III. Title: Problems ...

Trans. of mono. [Voprosy Biokhimii Nervnoi Sistemy] (Problems in the Biochemistry of the Nervous System) ed. by A. V. Palladin, Kiev, 1952, chap. 25, p. 278-285.

DESCRIPTORS: *Phosphorus compounds, *Brain, *Hypo-
thermia, Anesthesia, Adenosine phosphates, Metab-
olism, Phosphorylation, Pentothal sodium.

The adenosine triphosphate, creatine phosphates and in-
organic phosphates in the brains of rats and rabbits were
analyzed following hypothermia without drugs and hypo-
thermia with sodium amytal induced narcosis. Arti-
ficial cooling significantly affected the metabolism of
(Biological Sciences--Physiology, IT, v. 9, no. 2)

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Gershenovich, Z. S., Krichevskaya, A. A., and Bronovitskaya, Z. G.
THE SYSTEM OF AMMONIA-GLUTAMINE, GLUTAMIC ACID, AND OXYDIZING PHOSPHORYLATION IN CASE OF OXYGEN INTOXICATION. [1962] [21]p.
(1 fig, omitted) 36 refs.

Order from OTS or SLA \$2.60

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I. Gershenovich, Z. S.
II. Krichevskaya, A. A.
III. Bronovitskaya, Z. G.
IV. Title: Problems ...

Trans. of mono. [Voprosy Biokhimi Nervnoi Sistemy] (Problems in the Biochemistry of the Nervous System) [ed. by A. V. Palladin, Kiev, 1957, chap. 28, p. 311-322.]

DESCRIPTORS: Biochemistry, Physiology, *Oxygen, *Poisoning, *Nervous system, *Glutamine, *Phosphorylation, Oxidation, Rats, Glutamic acid, Ammonia.

During oxygen poisoning the quantity of free ammonia increases considerably with a simultaneous decrease of free glutamine in the brain. In the protein fraction of (Biological Sciences--Biochemistry, TT, v. 9, no. 3)

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Respiration and Glycolysis in Case of Polio
Virus Infection, by R. N. Ettinger,
et al., 6 pp.

R. N. Ettinger, photograph, Vonroosy Biochim
Journal, Chap XXXI, 1957, pp 331.

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Numbers and Distribution of Soil-Inhabiting Mites,
by Z. Sultankhodzhayeva. 10 pp.

RUSSIAN, per, Voprosy Biologii i Kraevoi Medit-
siny, Vol 2, 1961, pp 356-359.
OTS TT-64-19879

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B. T. Semyonov.

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Acclimatization of the Beaver in the Ob River
Basin, by A. P. Zhdanov.

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Distribution of the River Beaver in the Ukraine
SSR, by Y. N. Kirillov.

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Beaver Biology in Winter in Archangel Province, by
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Re-acclimatization of the River Beaver in the Tatar
ASSR, by A. V. Popov.

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Experimental Treatment of Travassosiosis in River
Beavers, by N. P. Romanova et al.

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Experimental Planting of Willows in Beaver Habitat
in the Tchetcherak District, by N. I. Pomicheva.

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Vempilov.

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